
0600Dx--NPS--Jean Lafitte National Historical Park 2010

****DATA SOURCE****

Data were compiled from surveys conducted in the Gulf of Mexico. Data were compiled from NewFields Environmental Forensics Practice, LLC (Alpha) lab electronic data from the following QC Batches: 1007239, 1007240, and 1009172. The data sets were for samples collected from the NPS Jean Lafitte National Historical Park study.

****STUDY****

The data include water chemistry data.

****STATION****

StationIDs are based on the locations recorded in the field sampling database.

****SAMPLES AND REPLICATES****

The collection depth of water samples in the fields UDepth and LDepth are reported in meters.

The original SampleIDs reported by the lab from the Chain-of-Custody is stored in the ExSampID field in the SmpWat.dbf table. The original SampleID reported by field staff is stored in FldSampID in the SmpWat.dbf table.

The labrep field was coded with "1A" to indicate that the results were from Alpha lab. Lab duplicates (second analysis of same sample for same analytical method) were assigned labrep "2A". Lab duplicates were identified as those samples with a "D" suffix on the labID.

Several analytes are reported from 2 different analytical methods. The "preferred" result (usually with lower detection limits) is given the default labrep code (e.g., "1A" or "2A"). The results from the non-preferred analytical method have a "X" appended to the labrep code (e.g., "1AX" or "2AX")

The following chemcode/analytes were measured using two methods:

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Total Saturated Hydrocarbons by GC/FID | 8015M

AHCN_C09/ Nonane

AHCN_C10/ Decane

AHCN_C11/ Undecane

AHCN_C12/ Dodecane

AHCN_C13/ Tridecane

The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Alkylated Polynuclear Aromatic Hydrocarbons | 8270M

BTHIOPHNE/ Benzo(b)thiophene

METHNAP_1/ 1-Methylnaphthalene

METHNAP_2/ 2-Methylnaphthalene

NAPTHALENE/ Naphthalene

The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Alpha Lab Analytical Methods:

Total Saturated Hydrocarbons by GC/FID | 8015M | SOP. 0-003 Rev. 5 (abbreviated as 8015 M - Tot Sat. HC - GC/FID)

Alkylated Polynuclear Aromatic Hydrocarbons | 8270M | SOP. 0-008 Rev. 6 (abbreviated as 8270 M - Alkylated PAHs)

PIANO Volatile Hydrocarbons by GC/MS | 8260M | SOP. 0-019 Rev. 2 (abbreviated as 8260 M - PIANO VolHC - GC/MS)

PIANO Volatile Hydrocarbons by GC/MS | 8260M and Alkylated Polynuclear Aromatic Hydrocarbons | 8270M (abbreviated as 8260 M - PIANO VolHC - GC/MS)

****SUMMED PARAMETERS****

No sums were calculated and appended to the data set.

****QUALIFIERS****

Qualifiers recorded in the chemistry files represent the final data qualifiers provided by the data validation. Descriptions of the data qualifiers are included in the data dictionary.